



# Cisco

**642-999 Exam**

**Implementing Cisco Data Center Unified Computing (DCUCI)  
v5.0**

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# Version: 11.0

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## Question: 1

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When upgrading a standalone Cisco UCS C-Series server, which method is correct?

- A. direct upgrade on all components
- B. Cisco Hardware Upgrade Utility
- C. Cisco Host Upgrade Utility
- D. Cisco Server Upgrade Utility

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## Answer: C

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## Question: 2

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In a standalone Cisco UCS C-Series server, which recommendations can be used to upgrade the BIOS?

- A. Cisco IMC
- B. Cisco UCS Manager
- C. iFlash32 Utility
- D. Flash ROM Utility
- E. EFI Interface
- F. Cisco Host Upgrade Utility
- G. USB Flash Utility

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## Answer: F

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## Question: 3

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What are the default settings of the Cisco IMC NIC properties on a standalone Cisco UCS C-Series server?

- A. 'Shared LOM' NIC mode with 'Active-active' NIC redundancy and DHCP enabled
- B. 'Shared LOM' NIC mode with 'Active-standby' NIC redundancy and DHCP enabled
- C. 'Dedicated' NIC mode with 'Active-standby' NIC redundancy and DHCP disabled
- D. 'Dedicated' NIC mode with 'None' NIC redundancy and DHCP enabled
- E. 'Cisco Card' NIC mode with 'Active-active' NIC redundancy and DHCP enabled

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## Answer: D

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**Question: 4**

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Which ports can access the Cisco IMC if you select Shared LOM NIC mode in the Cisco IMC Configuration Utility for a Cisco UCS C-Series server?

- A. the ports on an installed Cisco network adapter card
- B. the two 1-Gb Ethernet ports
- C. the two 10/100 management ports
- D. the two 10/100 management ports, but each port has a default setting

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**Answer: B**

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**Question: 5**

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Which NIC redundancy modes allow the LOMs to be discovered by the operating system or hypervisor?

- A. Dedicated mode
- B. Active/Active
- C. Active/Standby
- D. Cisco Card Mode

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**Answer: A**

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**Question: 6**

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Which two are true with respect to the unified ports on the Cisco Unified Computing System 62XX Fabric Interconnect? (Choose two.)

- A. The port mode is automatically discovered after plugging in a LAN or Fibre Channel-attached cable.
- B. By default, unified ports that are changed to Ethernet port mode are set to uplink Ethernet port type.
- C. Ethernet ports must be grouped together in a block and must start with the first port and end with an odd numbered port.
- D. Alternating Ethernet and Fibre Channel ports is supported on the expansion module.
- E. After making port mode changes on an expansion module, the module will reboot.
- F. In a standalone configuration, making port mode changes to the fixed module will not cause the fabric interconnect to reboot.

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**Answer: C, E**

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**Question: 7**

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Which two are true with respect to the switching modes on the Cisco Unified Computing System 62XX Fabric Interconnect? (Choose two.)

- A. End-host mode presents a link to a northbound uplink switch as a host trunk with loop detection that is provided by STP.
- B. For northbound traffic, server MAC addresses are statically pinned to an uplink; the return path is controlled by the unified fabric switches.
- C. A fabric interconnect port in Ethernet switching mode appears to the uplink switch as a host with many MAC addresses.
- D. Server-to-server traffic on a common VLAN are locally switched by the fabric interconnect and not the northbound switches.
- F. A MAC forwarding table is not used to forward traffic to the uplink switch.
- F. A MAC address forwarding table is maintained for server-to-server communications across VLANs.

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**Answer: D, E**

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**Question: 8**

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What is true statement concerning port personalities on the Cisco Unified Computing System 62XX Fabric Interconnect?

- A. Fibre Channel uplink ports must operate in Fibre Channel switching mode.
- B. The fabric interconnects use native FCoE storage ports to directly attach to the SAN infrastructure.
- C. By default, all Fibre Channel ports are unconfigured.
- D. The Fibre Channel uplink ports do not support VSAN trunking and Fibre Channel port channels.
- F. The Fibre Channel storage ports support VSAN trunking and Fibre Channel port channels.

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**Answer: C**

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**Question: 9**

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What is a true statement concerning automatic Fibre Channel pinning on a Cisco Unified Computing System 62XX Fabric Interconnect?

- A. By default, uplink Fibre Channel interfaces are configured for VSAN trunking.
- B. Using NPV, each downstream server will be pinned to an uplink port that is based on a PIN group.
- C. The Fibre Channel pinning process is implemented differently than end-host MAC address pinning.
- D. With VSAN trunking, the automatic pinning of server traffic to Fibre Channel uplink ports will be based on the server WWN.

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**Answer: D**

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**Question: 10**

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The Cisco UCS administrator has the chassis discovery policy set to "2-link". The administrator

connects a new chassis to the Cisco UCS 6200 Series Fabric Interconnects using four links. Which option about link utilization is true?

- A. The Cisco UCS will use two links until the chassis is reacknowledged, after which it will use all four links.
- B. The Cisco UCS will use all four links for discovery.
- C. The Cisco UCS will use only two links. The other two links are unusable.
- D. The Cisco UCS will use only two links. However, the administrator can manually pin traffic to the extra links by using service profiles.

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**Answer: A**

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### **Question: 11**

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Which policy is used to update adapter firmware?

- A. adapter policy
- B. host firmware policy
- C. management firmware policy
- D. network control policy

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**Answer: B**

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### **Question: 12**

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Which options are valid port types when configuring fixed 10-Gb LAN interfaces on the Cisco UCS 6200 Series Fabric Interconnects? (Choose three.)

- A. monitoring port
- B. server port
- C. uplink Ethernet port
- D. FEX port
- F. Fibre Channel storage port

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**Answer: A, B, C**

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### **Question: 13**

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When cabling a Cisco UCS 6200 Series Fabric Interconnect to disjoint Layer 2 networks, which option must be considered?

- A. The fabric interconnect must be in switching mode.
- B. You must first configure a LAN pin group.
- C. Each VLAN is allowed across multiple disjoint uplinks.
- D. Each vNIC can communicate to a single disjoint network.

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**Answer: D**

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**Question: 14**

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Which two items represent the features of Call Home on the Cisco Unified Computing System? (Choose two.)

- A. syslog
- B. send fault details to Cisco TAC
- C. SNMP trap receiver
- D. send email alerts to administrators
- F. central repository of normalized fault data

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**Answer: B, D**

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**Question: 15**

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Which three items represent message formats that are available to send fault data using Cisco Call Home? (Choose three.)

- A. short text
- B. long text
- C. HTML
- D. SOAP API
- F. XML
- F. Java

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**Answer: A, B, E**

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